

Fig. 2

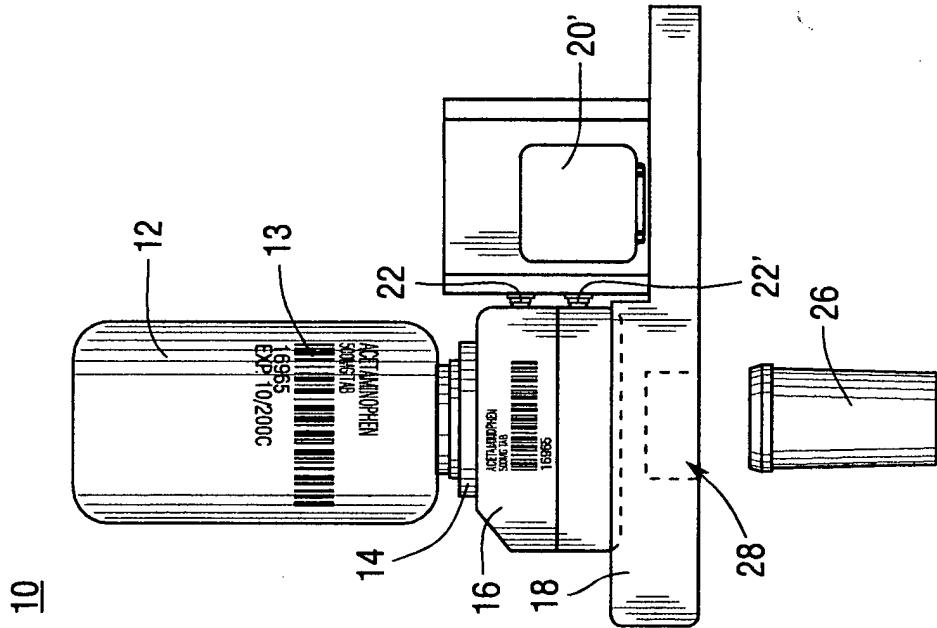


Fig. 1

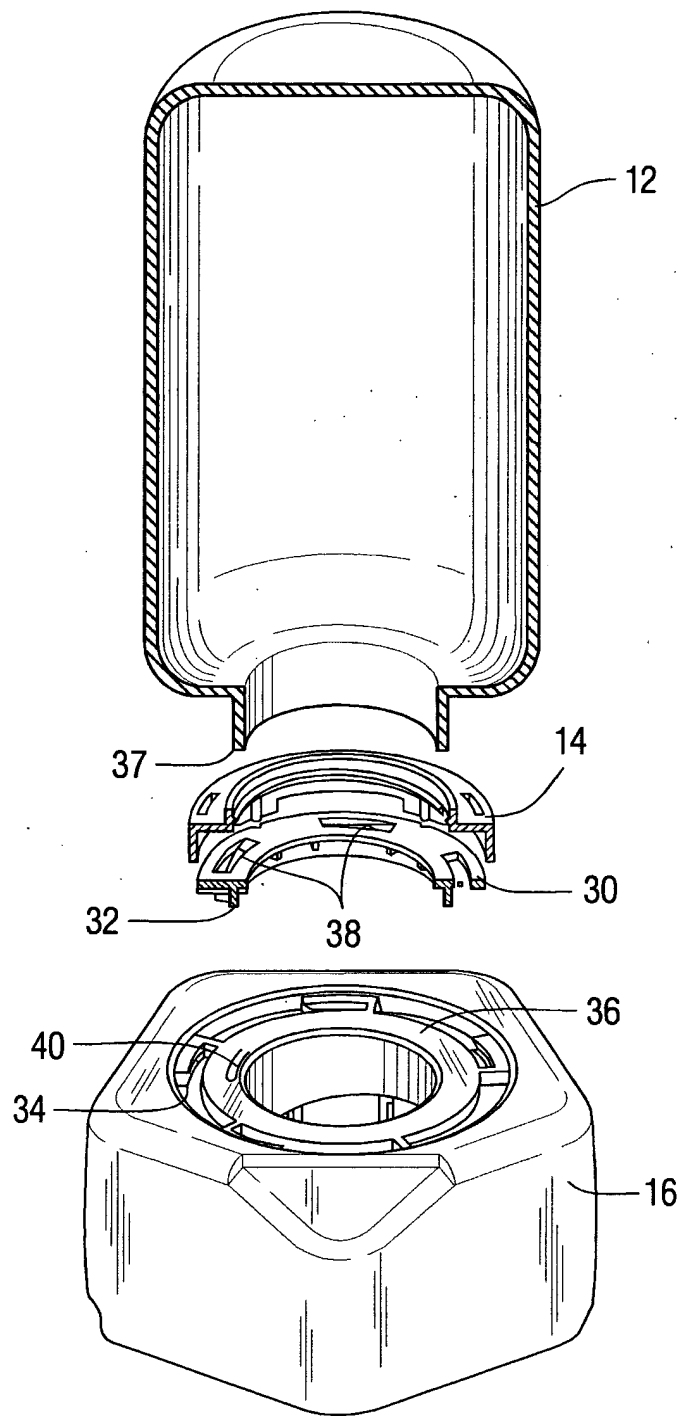


Fig.3

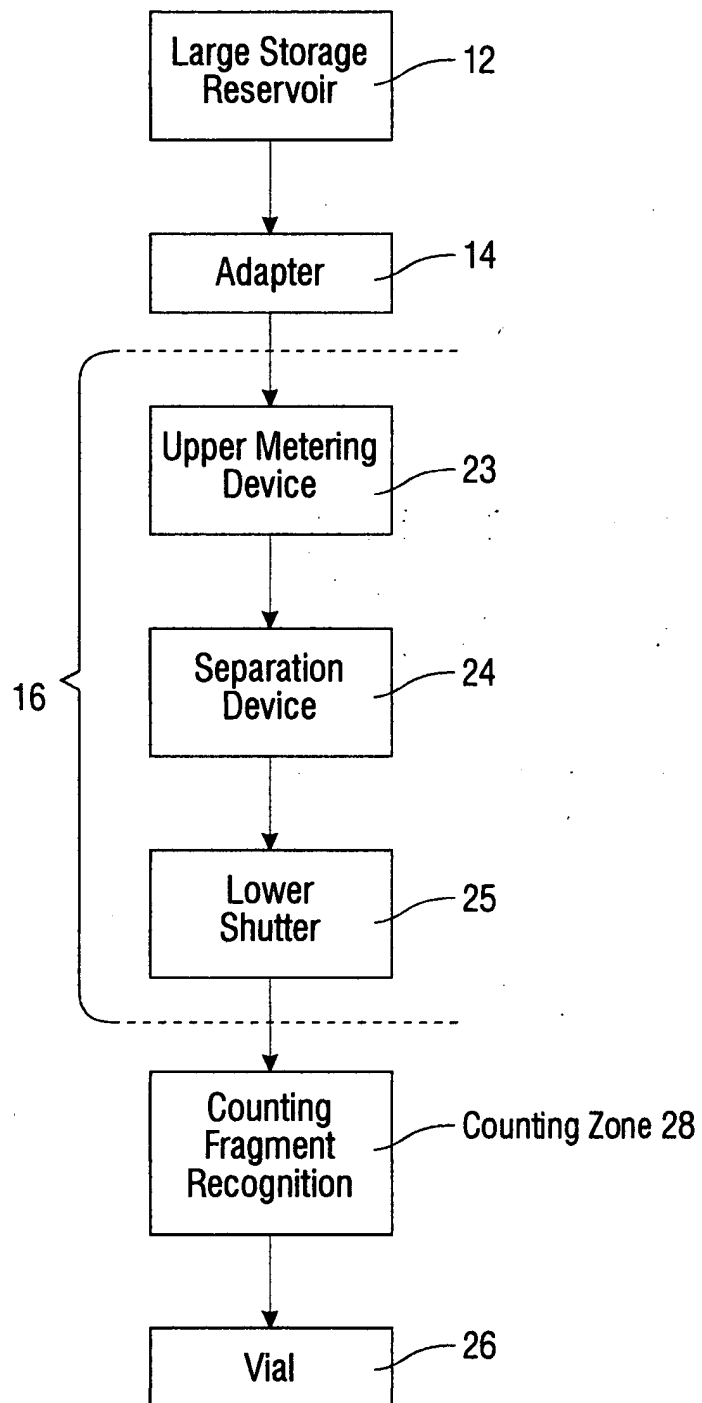
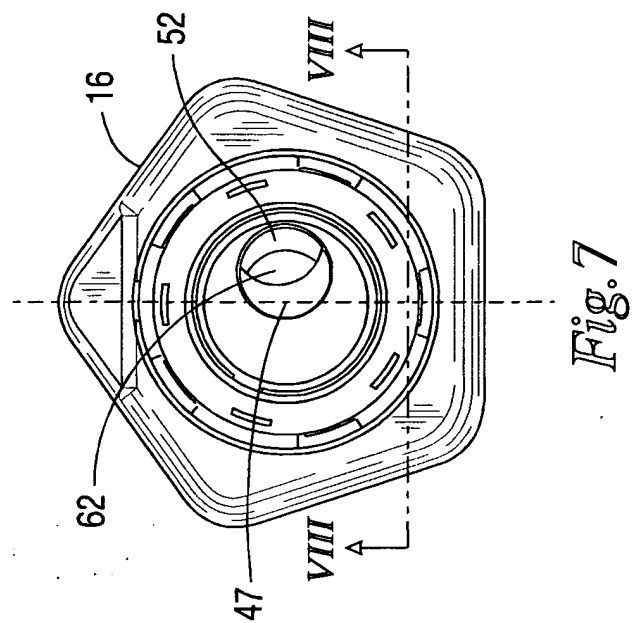
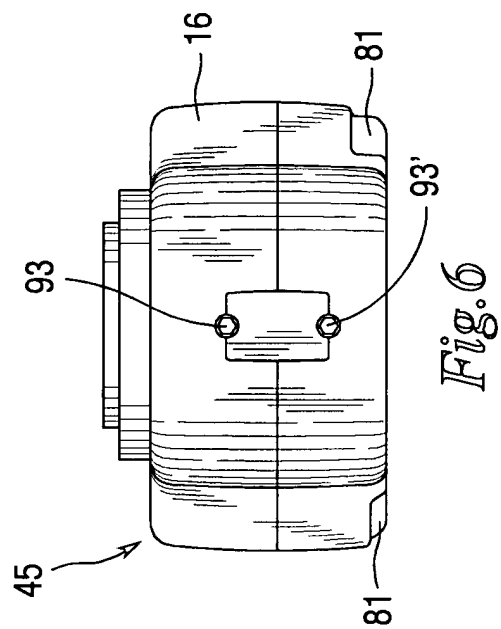
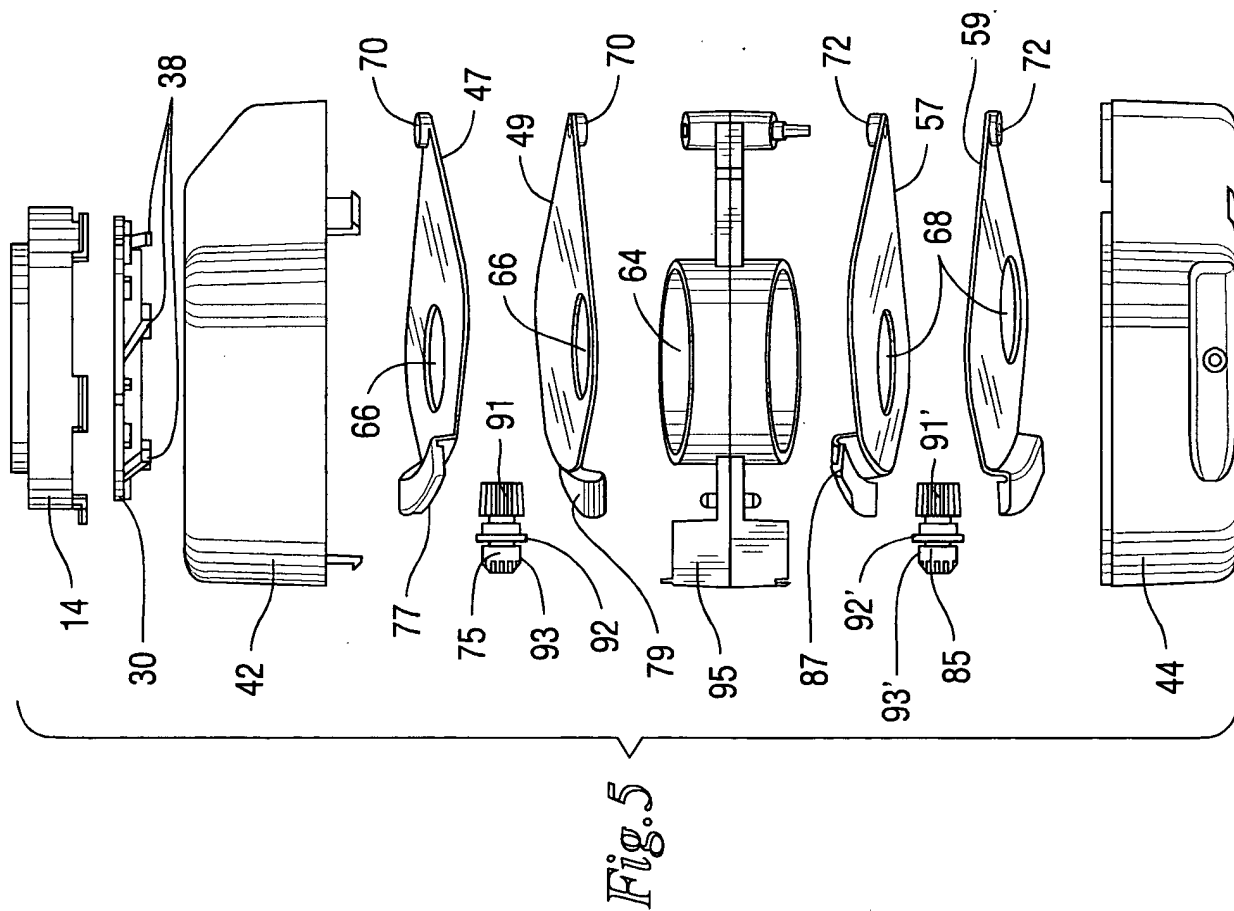


Fig.4



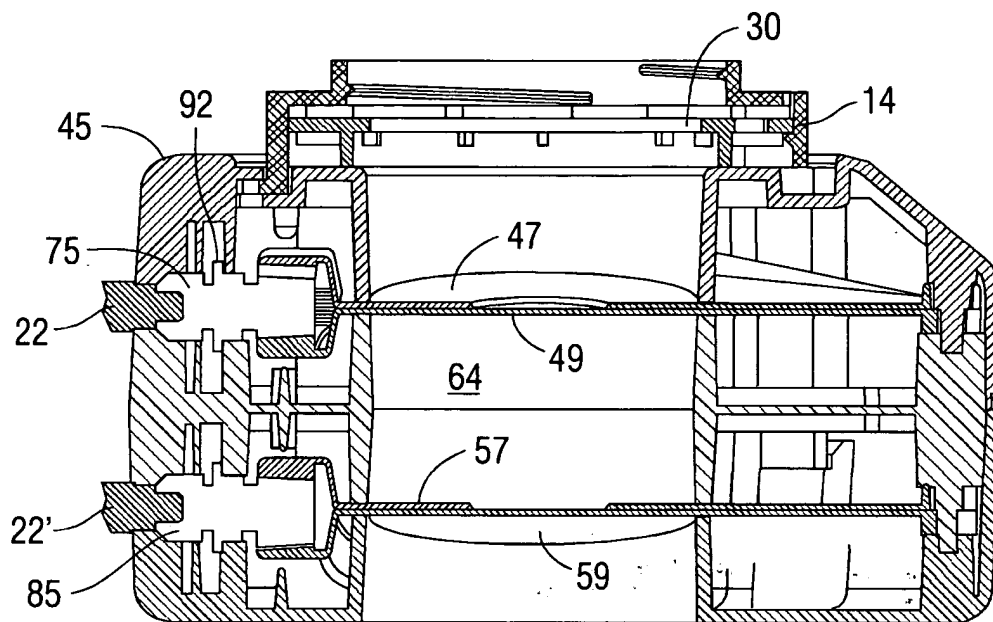


Fig. 8

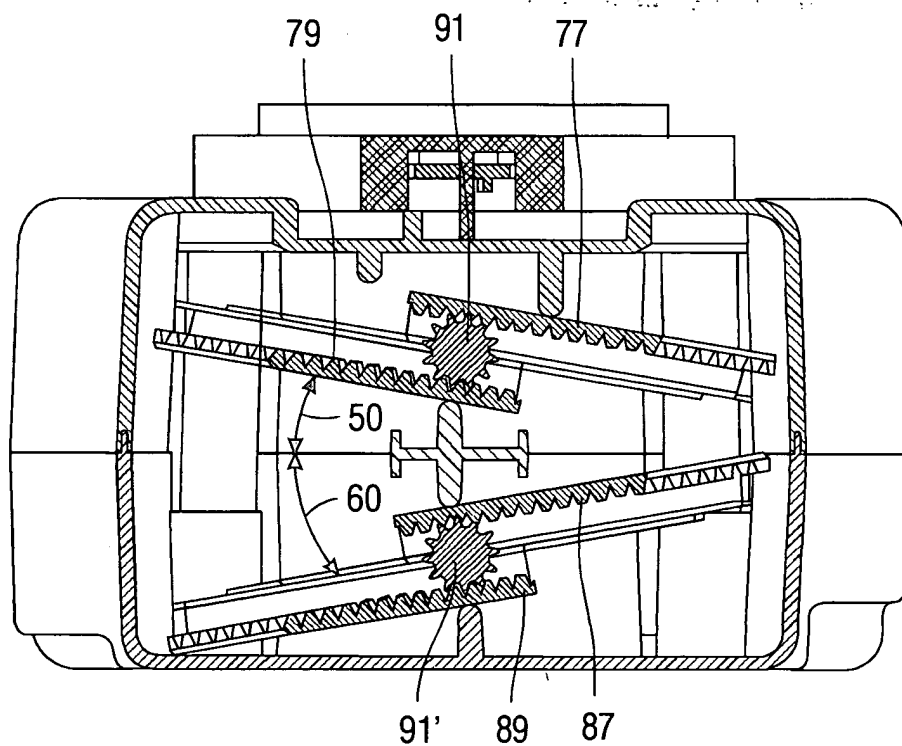


Fig. 9

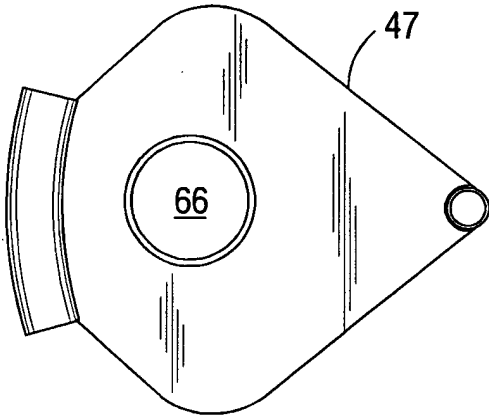


Fig. 10A

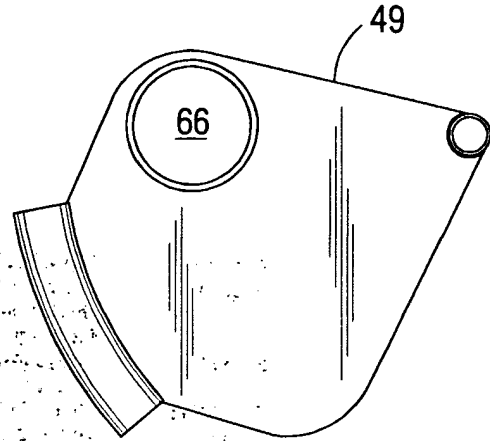


Fig. 10B

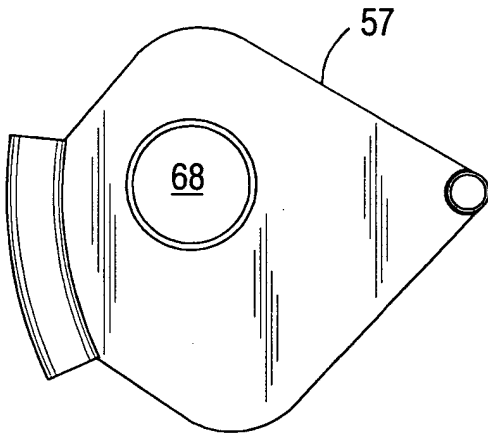


Fig. 10C

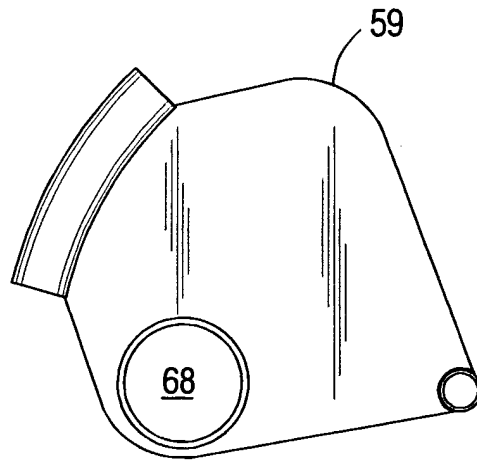


Fig. 10D

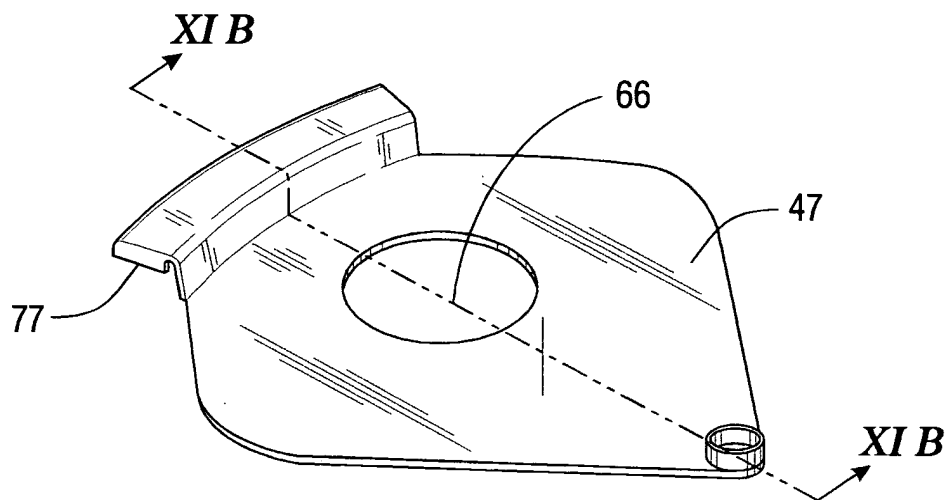


Fig.11A

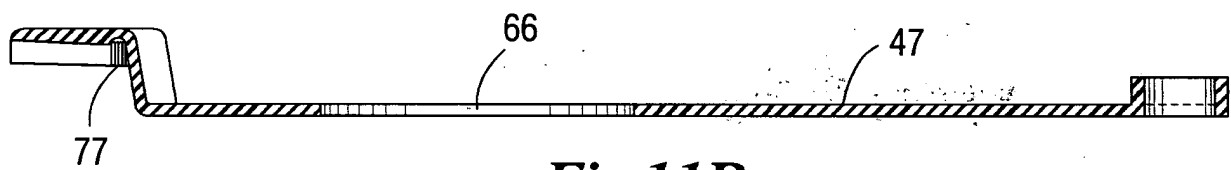


Fig.11B



Fig.11C

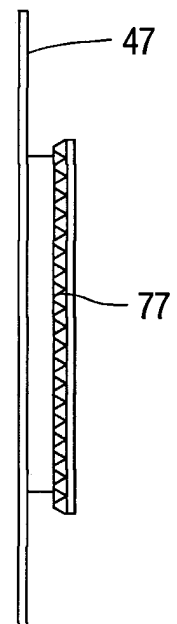


Fig.11D

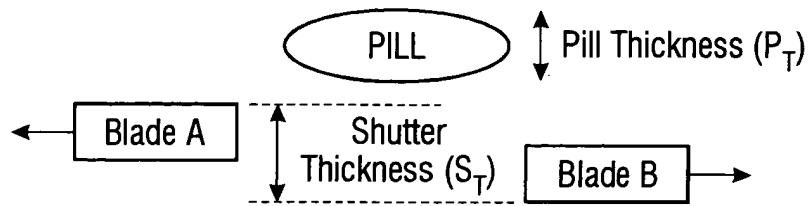


Fig. 12A

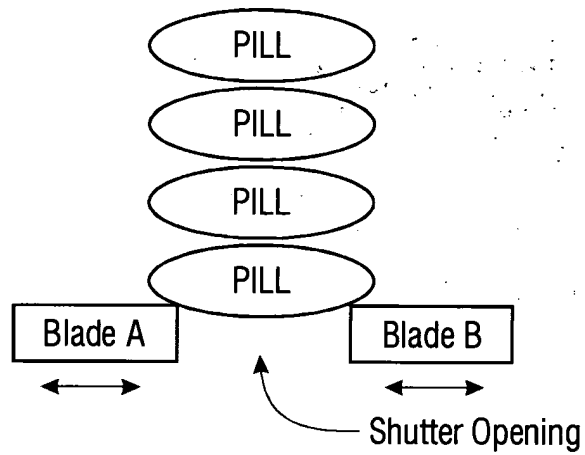


Fig. 12B

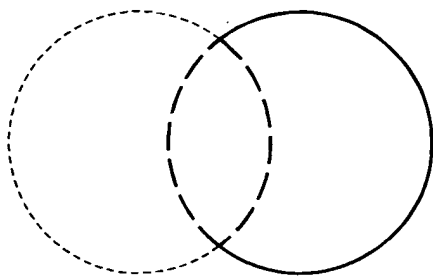


Fig. 13A

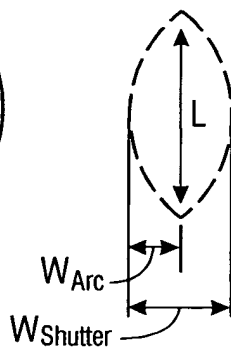


Fig. 13B

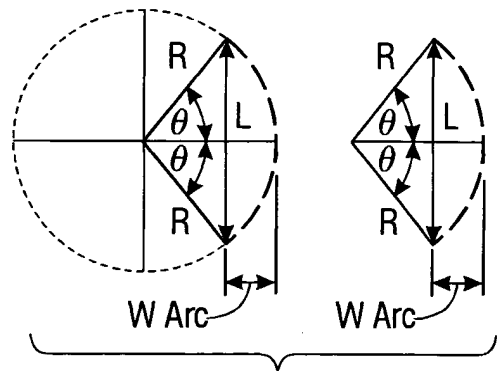


Fig. 13C

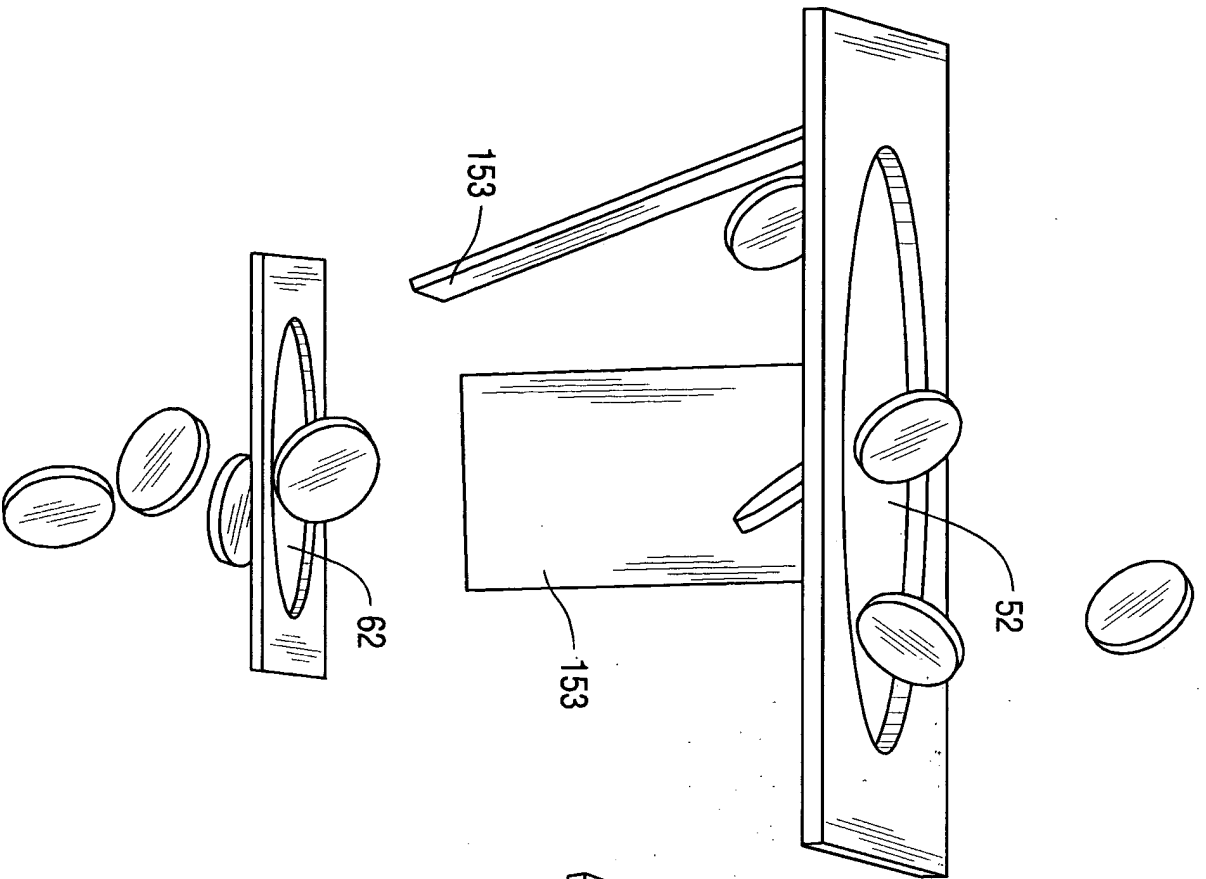


Fig. 14A

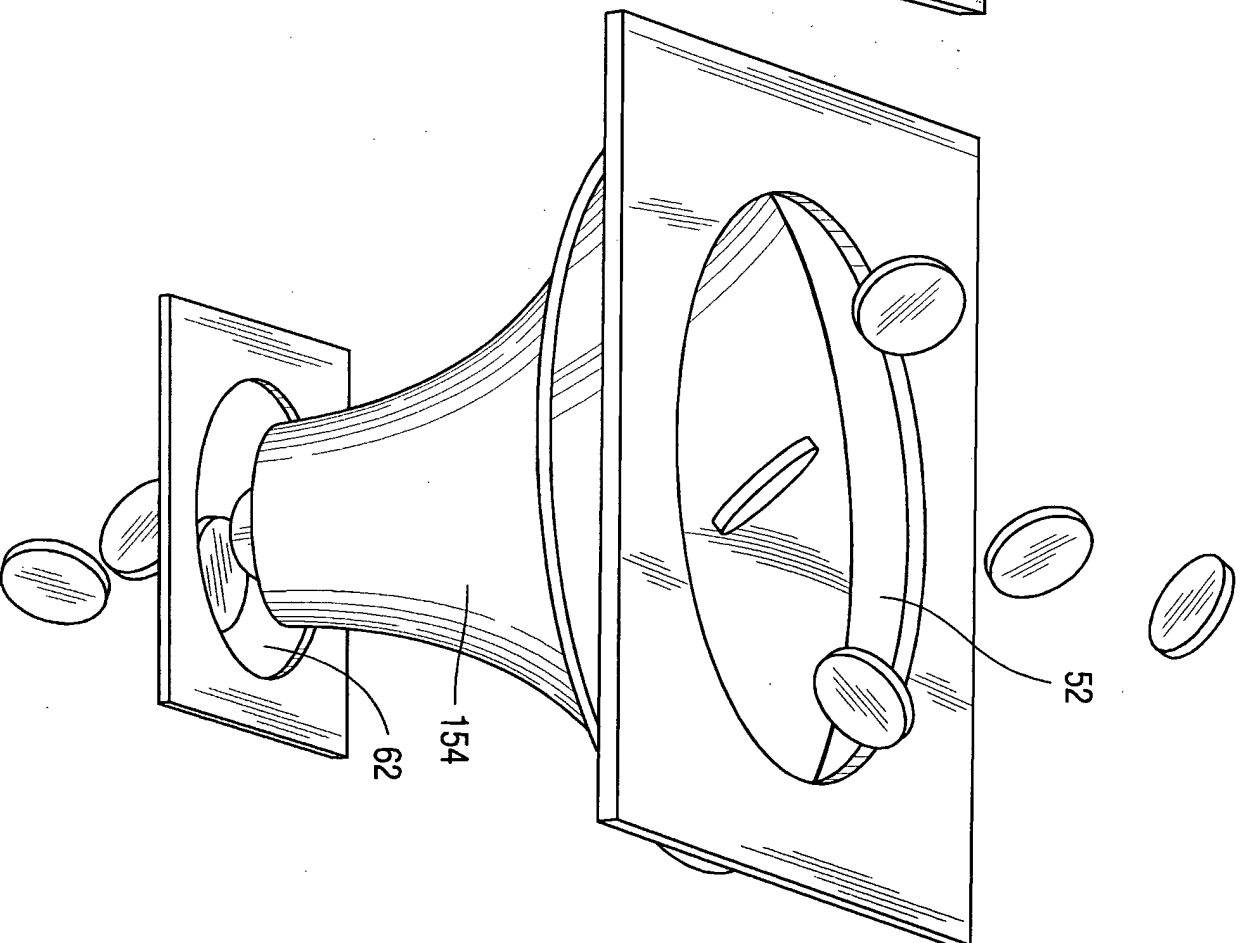


Fig. 14B

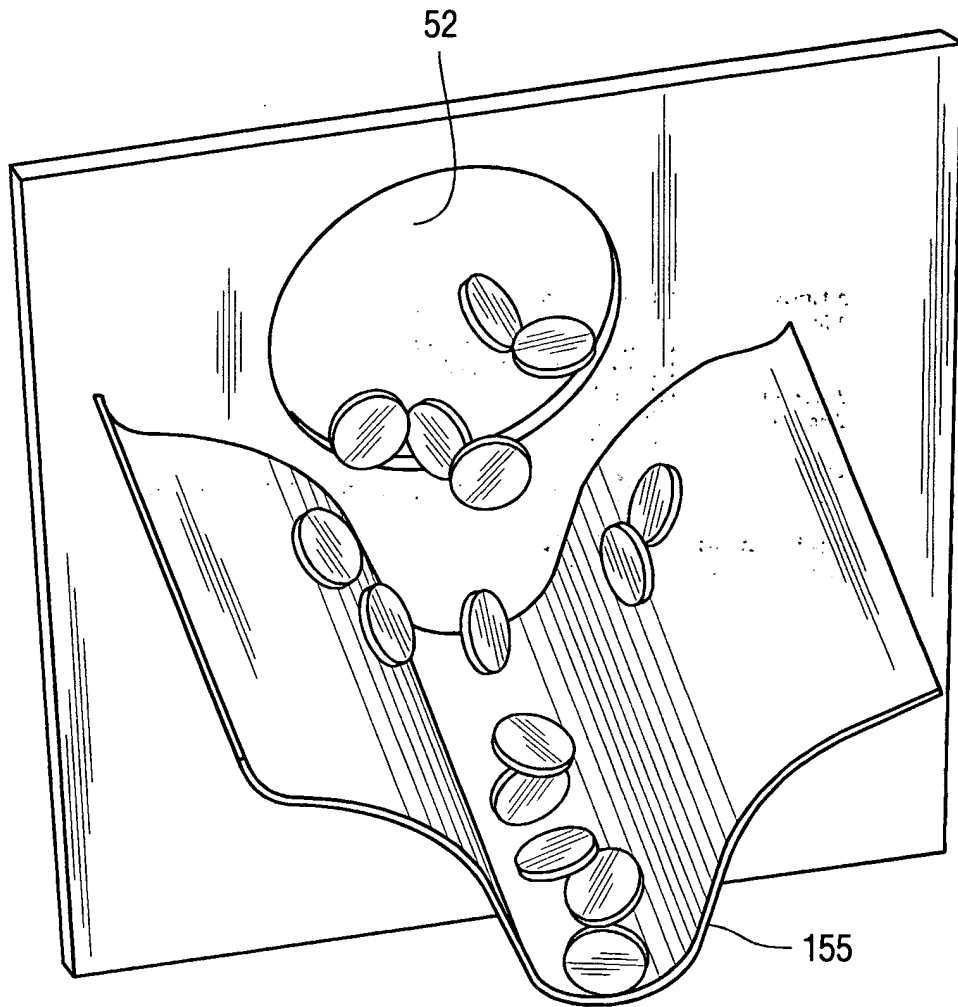


Fig.14C

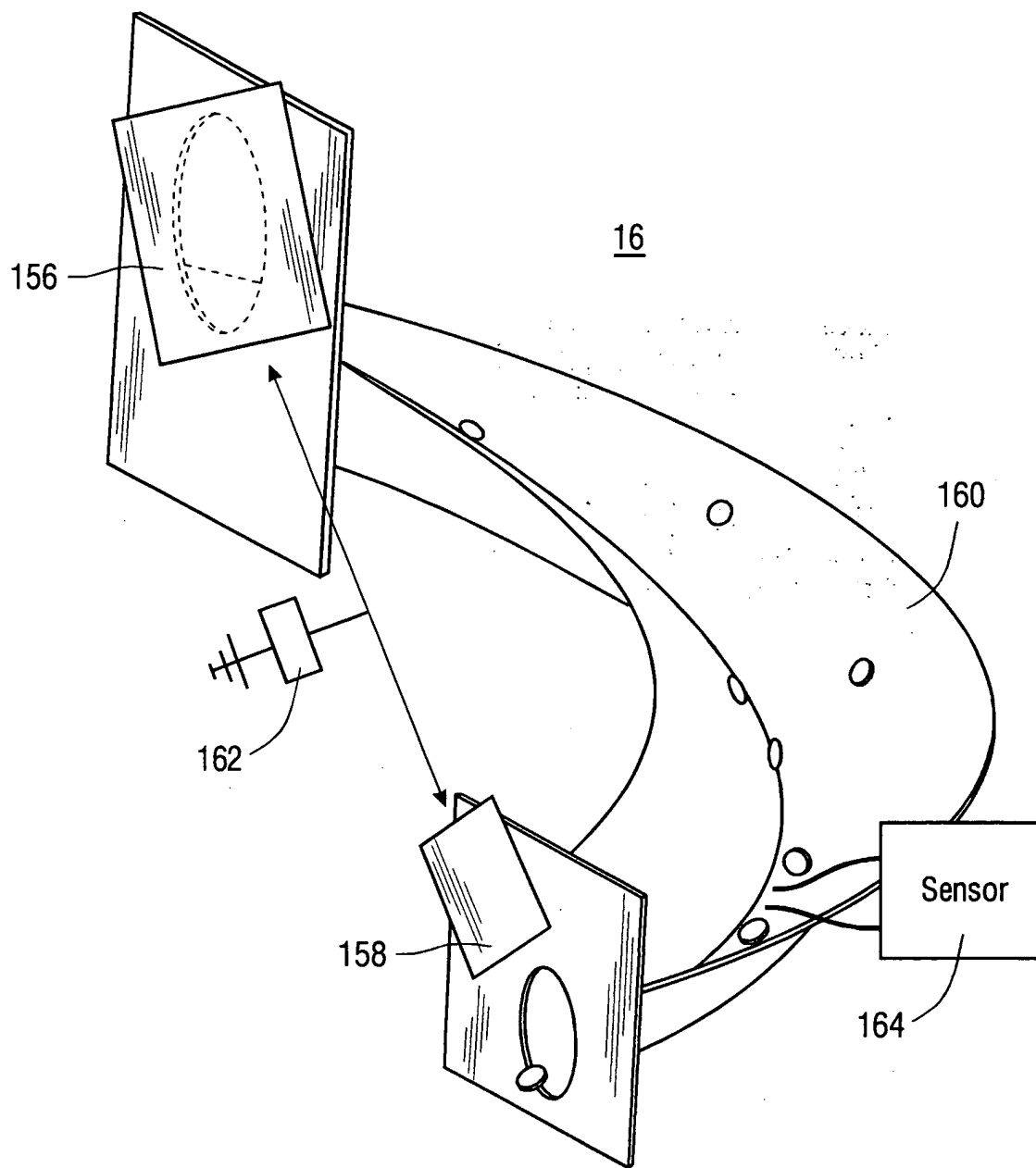


Fig.15

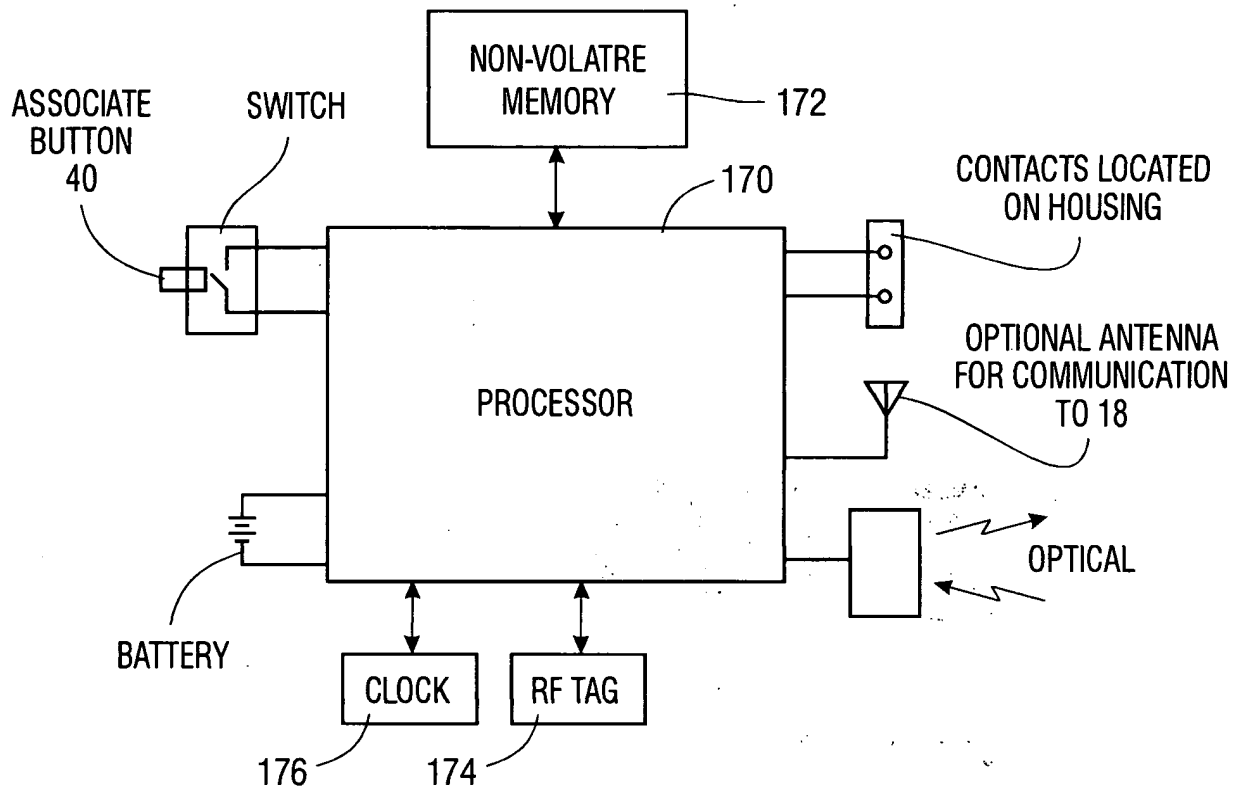


Fig.16

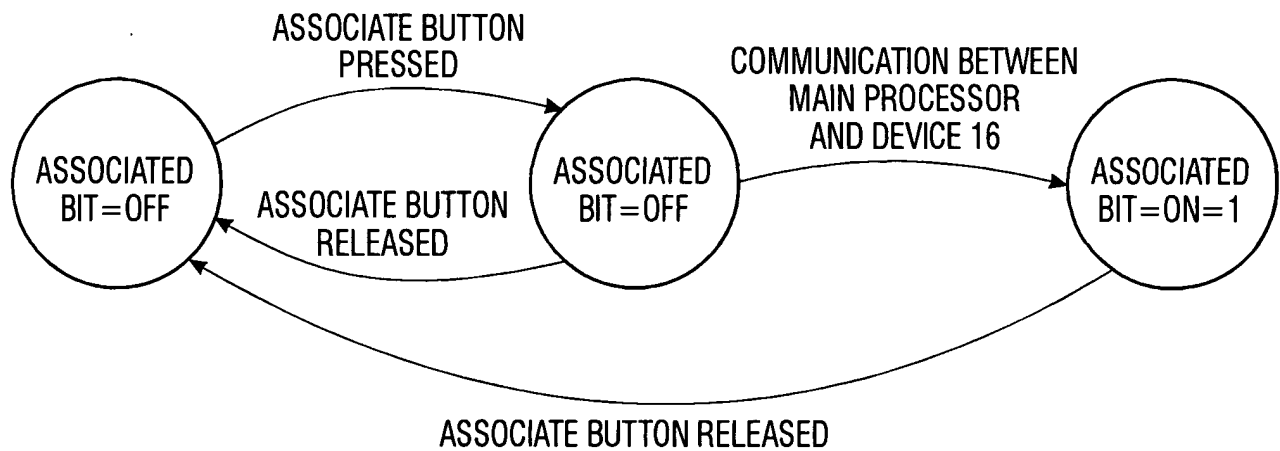


Fig.17

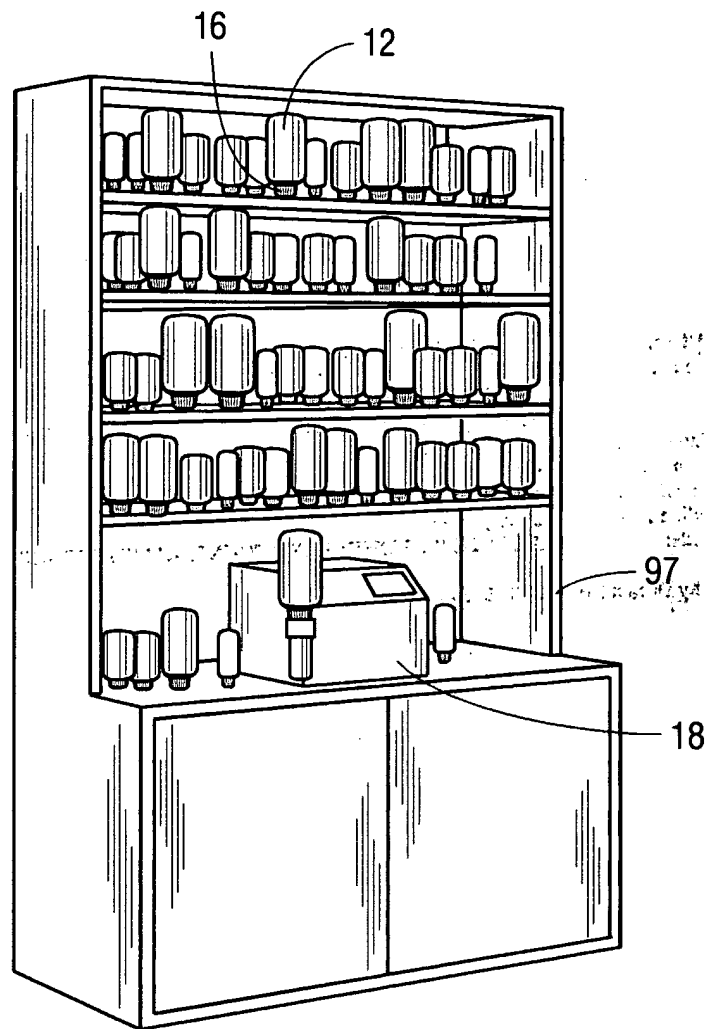


Fig.18

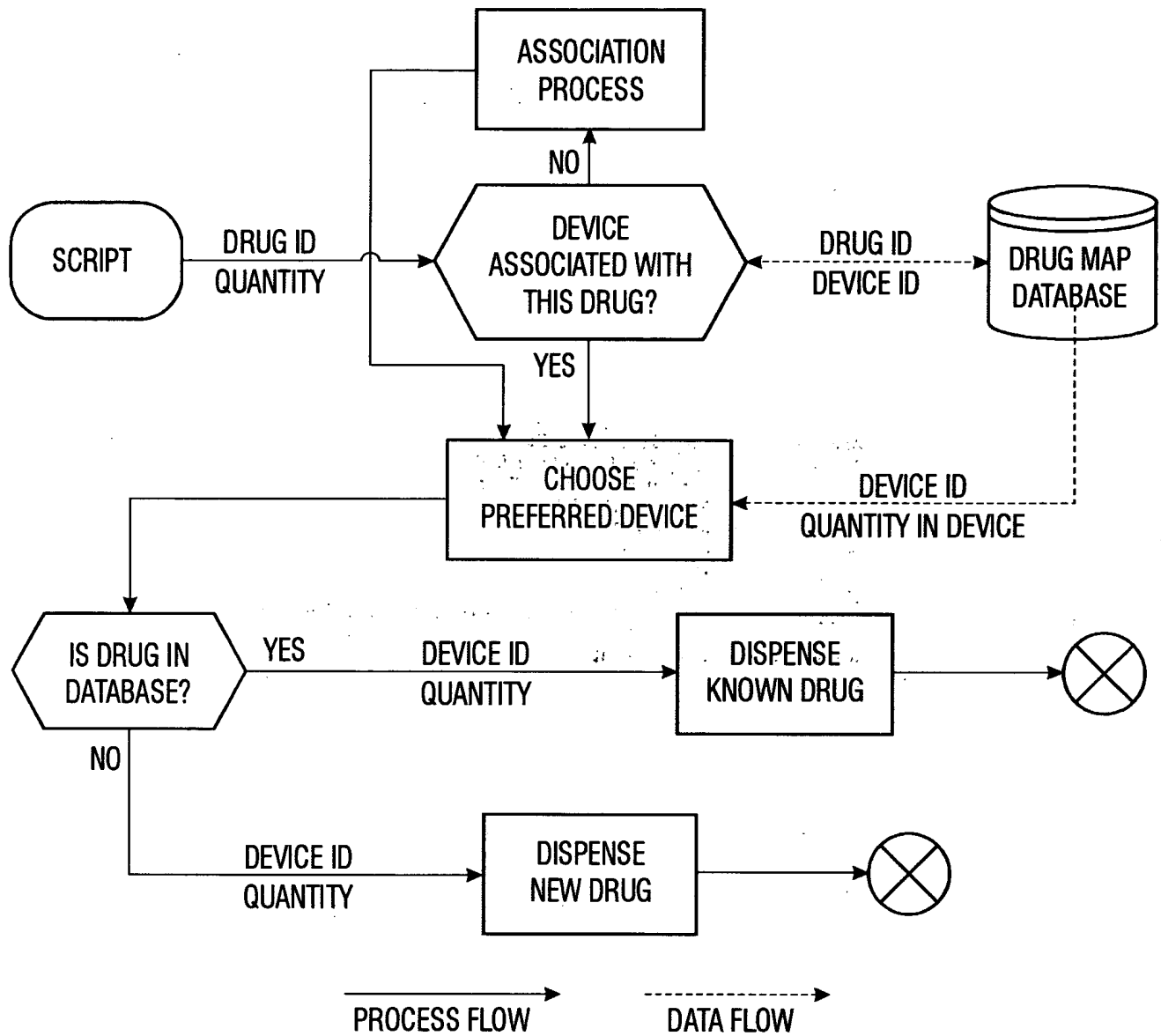


Fig.18A

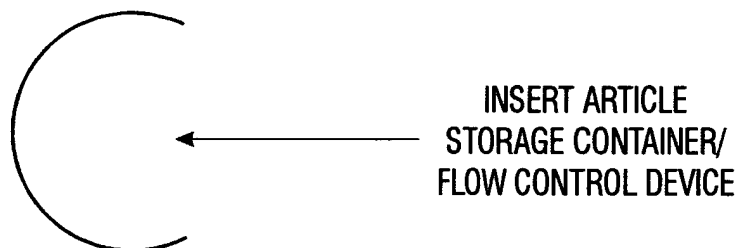


Fig.19

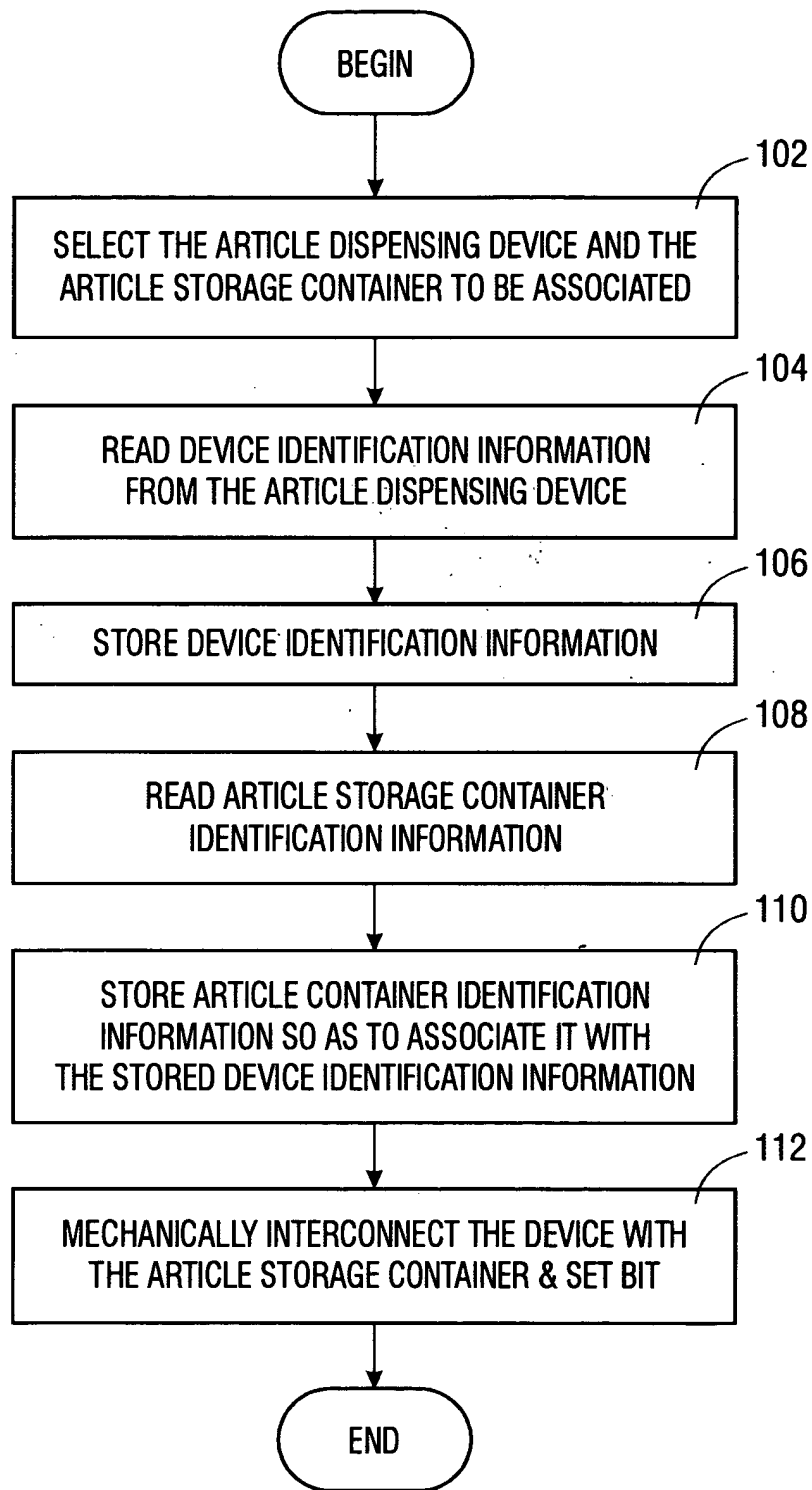


Fig.20

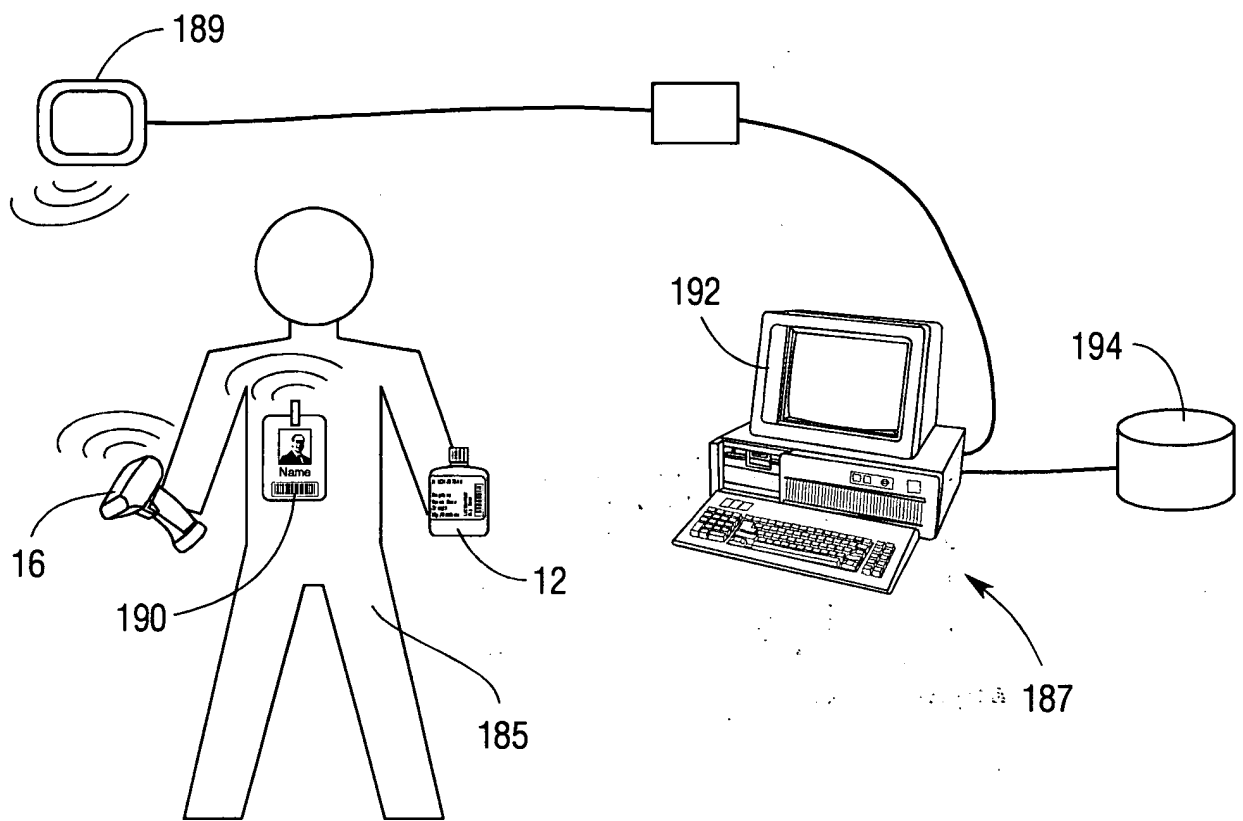


Fig.21

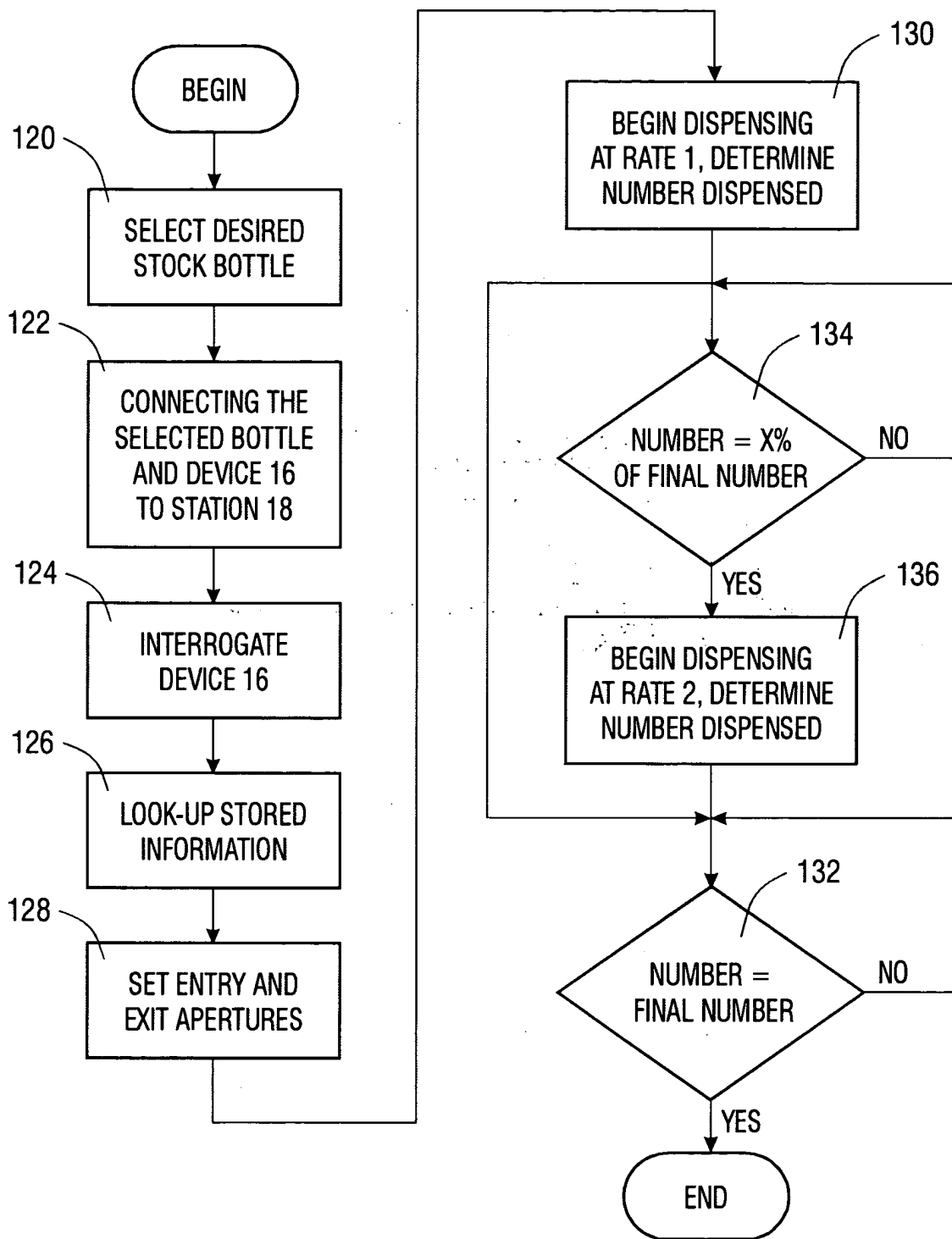


Fig.22

Fig.23A

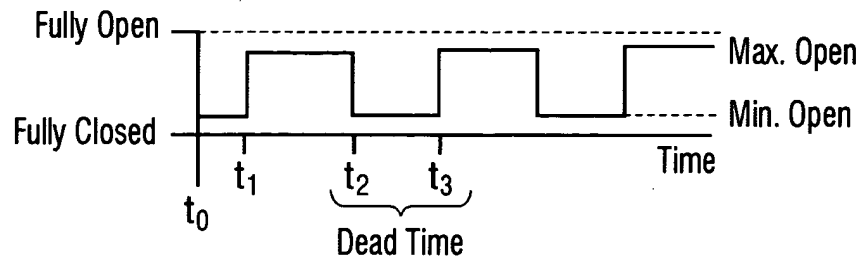
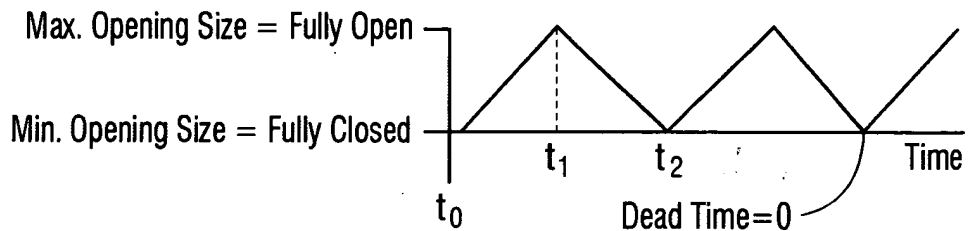


Fig.23B



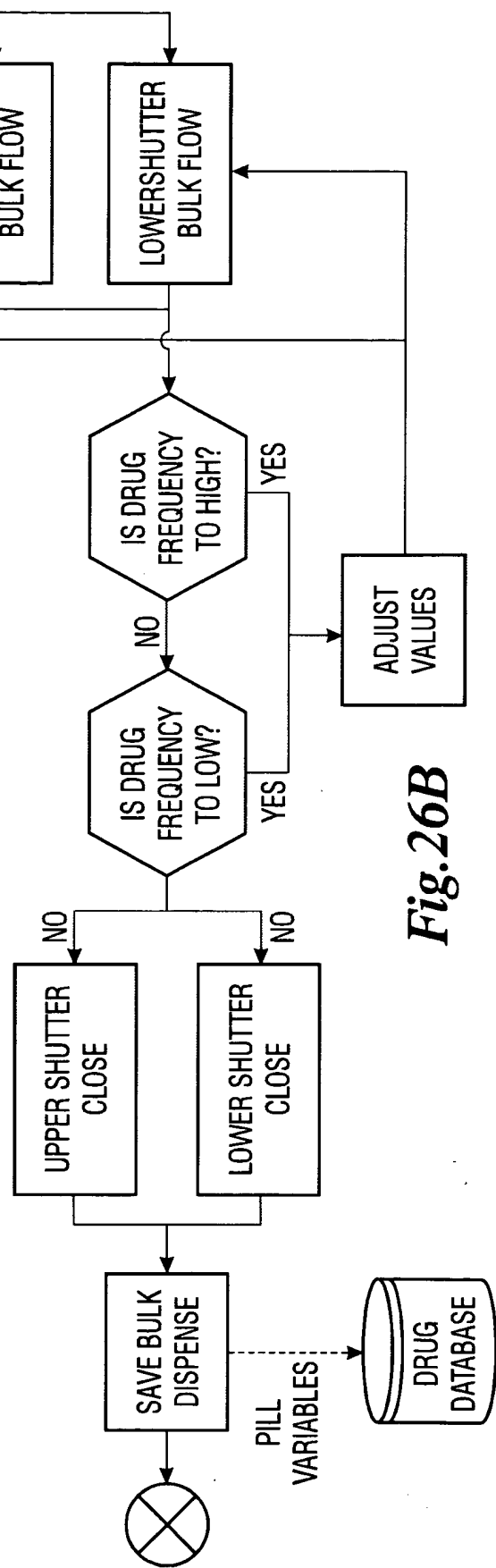
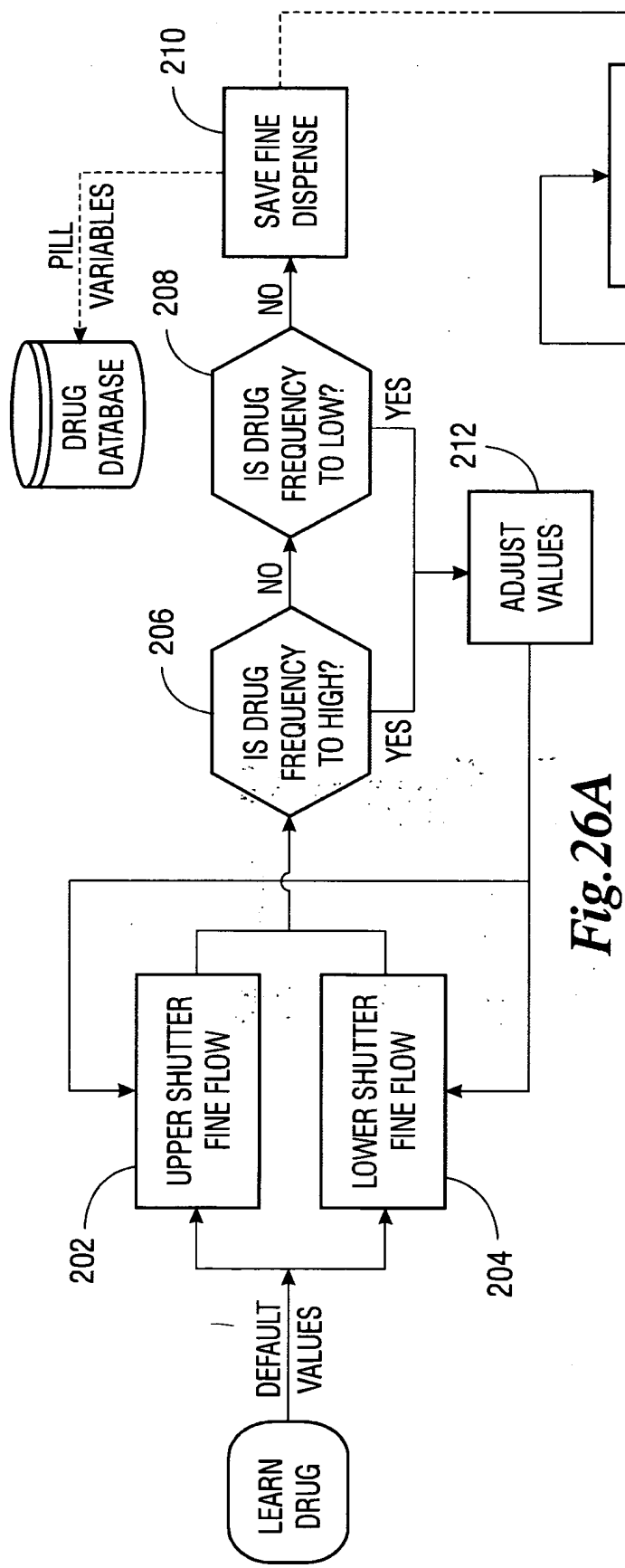
Spy Feed Tester				Bottom Shutter			
<div>Top Shutter</div> <div> <div>Fine</div> <div>Bulk (x)</div> <div>Mixed</div> </div> <div>This mode defines a 'Cycle' as:</div> <div>Beginning with a</div> <div>Small Opening of: <input type="text" value="0.1"/> <input type="text" value="Inch"/></div> <div>Growing to a</div> <div>Large Opening of: <input type="text" value="0.5"/> <input type="text" value="Inch"/></div> <div>With a</div> <div>Cycle Rate of: <input type="text" value="10.0"/> <input type="text" value="Cps"/></div> <div>Using a</div> <div>Squareness of: <input type="text" value="1.0"/> <input type="text" value="Range (0..1)"/></div> <div> <div>0.0 in.</div> <div>1.0 in.</div> <div>Apply</div> <div>Stop</div> </div> <div> <div>Calibrate</div> <div>Soft Homo</div> <div>Stop Both</div> <div>Save Settings</div> </div> <div>Un-Saved</div>				<div>Bottom Shutter</div> <div> <div>Fine (x)</div> <div>Bulk</div> <div>Mixed</div> </div> <div>This mode defines a 'Cycle' as:</div> <div>Beginning with a</div> <div>Small Opening of: <input type="text" value="0.05"/> <input type="text" value="Inch"/></div> <div>Growing to a</div> <div>Large Opening of: <input type="text" value="0.25"/> <input type="text" value="Inch"/></div> <div>With a</div> <div>Cycle Rate of: <input type="text" value="23"/> <input type="text" value="Cps"/></div> <div>Using a</div> <div>Squareness of: <input type="text" value="0.00"/> <input type="text" value="Range (0..1)"/></div> <div> <div>0.0 in.</div> <div>1.0 in.</div> <div>Apply</div> <div>Stop</div> </div> <div> <div>Restore Settings</div> <div>List Settings</div> <div>Test Motor</div> <div>Exit</div> </div>			

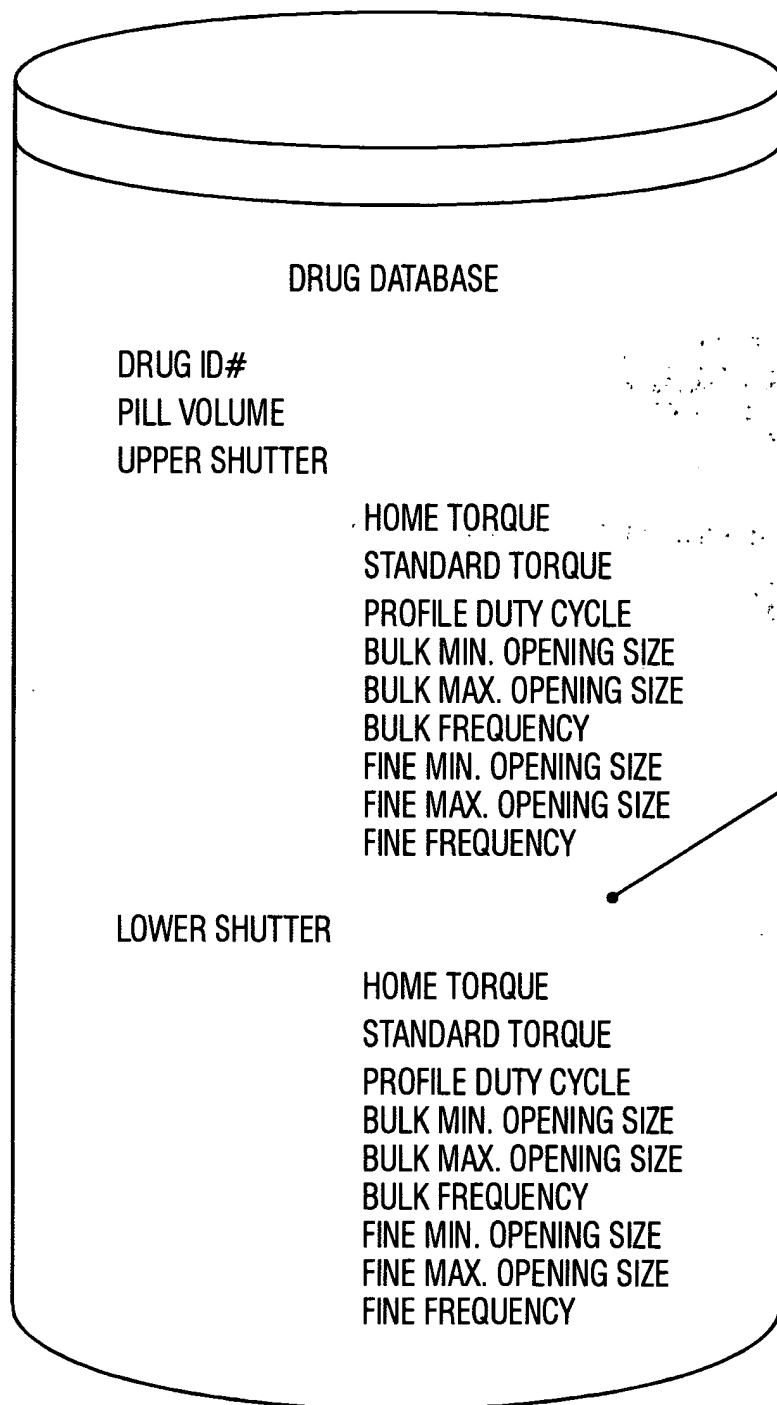
Fig.24

Calibrator [Min] [Max] [Close]

Top Shutter		Bottom Shutter	
Jog Positive	100	Jog Positive	123
	Jog Counts		Jog Counts
Home	0.0 in	Home	0.0 in
Done			

Fig.25





WITH TESTING, MANY OF THESE VARIABLES MAY BE ELIMINATED. CONSISTENT RELATIONS BETWEEN VARIABLES FOR THE UPPER AND LOWER SHUTTERS MAY BE REALIZED.

EX: LoSh Home Torque=
 $X * (\text{UpSh Home Torque})$

WHERE X WOULD BE THE SAME FOR EVERY PILL.

Fig.27

